

Abstract**Dynamic bandwidth allocation for variable
bit rate streaming data**

For a connection of a network requiring a certain quality of service (QoS), i.e. a QoS connection, generally a fixed amount of bandwidth is allocated. In prior art networks this fixed amount of bandwidth cannot be used by other connections.

5 Therefore, in case the QoS connection does not require all of the allocated fixed amount of bandwidth, bandwidth may be wasted. The present invention provides a method that enables the use of bandwidth, that is currently not used by a QoS connection. This currently unused bandwidth is temporarily freed, such that other connections may use this freed bandwidth. In case all or parts of the freed

10 bandwidth is needed again by the connection, the bandwidth is re-allocated to the connection immediately.

(Fig. 5)